Contents of Volume 11

JANUARY-FEBRUARY 1981

2 **Focus/Teleprocessing:** Designing Local Data Networks, by Ronald A. Frank

4 **Evolving Capabilities of the Public Switched Telecommunications Network,** Irwin Dorros

12 **A Tutorial on Digital Modulation Techniques,** Barbara Bashein

19 **Corporate Telecommunications: A Company Within a Company,** Anthony G. Abbott

24 **Integrated Site Networking: An Alternative to the Large PBX or Centrex,** Lloyd E. Cook

31 **Communications Lines** by Harry Newton

37 **New Product:** Voice Message Systems

41 **Washington Perspective:** New Rules for Resellers and SCCs, by Victor J. Toth

44 **Regulatory Developments:** Status of Major FCC Inquiries

49 **Seminars**

51 **Consultant's Corner:** Bell's New VTPP Tariffs, by Richard A. Kuehn

MARCH-APRIL 1981

2 **Focus/Teleprocessing:** Planning the Integrated Network, by Ronald A. Frank

4 **Telecommunications Management — Part 1, Goals and Strategies,** Michael F. Finneran

10 **Teleconferencing: A New Communications Tool,** David Green and Kathleen J. Hansell

17 **Financial Analysis of Communications Offerings,** John M. Sanders and Brian D. Herr

27 **Making Small Leased Line Networks Cost Effective,** Robert E. Lipp

31 **Communications Lines** by Harry Newton

39 **Washington Perspective:** Resale and Deregulation — Putting Theory into Practice, by Victor J. Toth

43 **Seminars**

48 **Consultant's Corner:** The Increasing Complexity of Long Distance Services, by Richard A. Kuehn

MAY-JUNE 1981

2 **Focus/Teleprocessing:** Protecting Data Transmissions, by Ronald A. Frank

4 **Telecommunications Management — Part 2, Measuring Cost Effectiveness,** Michael F. Finneran

10 **Responding to the Bell Migration Strategy,** George Grove

13 **Network Management Tools for the 1980s,** David Hochman

19 **Information and Telecommunications Systems in the Future Office,** John G. Mellon

24 **All about Hunting,** Everest C. Hunter

30 **Communications Lines** by Harry Newton

36 **New Product:** The Rolm CBX Data Communications Feature

40 **Washington Persepective:** Basic, Enhanced or Reliable Service — What Should AT&T's Priorities Be? by Victor J. Toth

43 **Seminars**

48 **Consultant's Corner:** Caution Is Still Needed in Selecting an Interconnect System, by Richard A. Kuehn

JULY-AUGUST 1981

2 **Focus/Teleprocessing:** Automating the Boss's Office, by Ronald A. Frank

4 **Migration: Bell's Genius May Create Serious Problems for Competitors and Users,** James L. Cotesworth

10 **Network Users Are Interested in Message Accounting,** Bruce L. Koppenhoefer

14 **The Effective Use of the New WATS,** Leo F. Goeller

25 **Telecommunications Management — Part 3, Personnel Management,** Michael F. Finneran

30 **Communications Lines** by Harry Newton

35 **Seminars**

37 **Washington Perspective:** Turning Back the Clock on Orderly Deregulation, by Victor J. Toth

41 **New Product:** Datapoint Announces a Voice/Data PBX

45 **Dialogue:** The Northern Telecom vs. Rolm Approach to Voice/Data Switching

46 **Consultant's Corner:** Videotex Conference Displays the Technology's Problems and Potential, by Richard A. Kuehn

SEPTEMBER-OCTOBER 1981

2 **Letter from the Publisher**

3 **Strategies for Managing Communications and Information Resources,** Gregory F. Borton

10 **Trends in PBX Design,** Leo F. Goeller, Jr.

19 **The Great Convergence: The Telephone Network and Messaging Systems,** Arthur M. Rosenberg

25 **Developing a Business Plan for Reselling Long Distance Service,** James R. Gordon

34 **The Economics of SBS Shared Satellite Service,** John W. Bridges and William J. Rahe, Jr.

40 **Telecommunications Management — Part 4, Quality of Service,** Michael F. Finneran

45 **Queuing Plus Alternate Routing in Communications Networks,** Rifaat Dayem

55 **Communications Lines** by Harry Newton

62 **Focus/Teleprocessing:** Telecom Managers Have a Stake in User-Friendly Terminals, by Ronald A. Frank

64 **New Product:** The Anderson Jacobson Integrated Office Exchange

68 **Washington Perspective:** A New Communications Act — Whether We Need It or Not, by Victor J. Toth

72 **Seminars**

76 **Consultant's Corner:** A Look Backward ... and Forward in Telecommunications, by Richard A. Kuehn

NOVEMBER-DECEMBER 1981

2 **Focus/Teleprocessing:** Personal Computers and the Corporate Network, by Ronald A. Frank

4 **A Practival View of the State of Local Area Networking,** Walter A. Levy

13 **Exchange Access Surcharges May Eliminate Private Line Services,** William Page Montgomery

18 **Advances in Switching Strategies for Communications Networks,** David Walters and Basil Maglaris

29 **The Telephone Conference Call: An Improved Communicating Approach,** Joseph M. Cleary

32 **Communications Lines** by Harry Newton

37 **New Product:** Lexar Announces Its New Voice/Data PBX

41 **Washington Perspective:** A Strategy for Avoiding Regulatory Chaos, by Victor J. Toth

45 **BCR Seminars**

50 **Consultant's Corner:** Comparing Long Distance Toll and WATS to Specialized Carrier Services, by Richard A. Kuehn

52 **Contents of Volume 11**

Contents of Volume 11

JANUARY-FEBRUARY 1981

2 **Focus/Teleprocessing:** Designing Local Data Networks, by Ronald A. Frank

4 **Evolving Capabilities of the Public Switched Telecommunications Network,** Irwin Dorros

12 **A Tutorial on Digital Modulation Techniques,** Barbara Bashein

19 **Corporate Telecommunications: A Company Within a Company,** Anthony G. Abbott

24 **Integrated Site Networking: An Alternative to the Large PBX or Centrex,** Lloyd E. Cook

31 **Communications Lines** by Harry Newton

37 **New Product:** Voice Message Systems

41 **Washington Perspective:** New Rules for Resellers and SCCs, by Victor J. Toth

44 **Regulatory Developments:** Status of Major FCC Inquiries

49 **Seminars**

51 **Consultant's Corner:** Bell's New VTPP Tariffs, by Richard A. Kuehn

MARCH-APRIL 1981

2 **Focus/Teleprocessing:** Planning the Integrated Network, by Ronald A. Frank

4 **Telecommunications Management — Part 1, Goals and Strategies,** Michael F. Finneran

10 **Teleconferencing: A New Communications Tool,** David Green and Kathleen J. Hansell

17 **Financial Analysis of Communications Offerings,** John M. Sanders and Brian D. Herr

27 **Making Small Leased Line Networks Cost Effective,** Robert E. Lipp

31 **Communications Lines** by Harry Newton

39 **Washington Perspective:** Resale and Deregulation — Putting Theory into Practice, by Victor J. Toth

43 **Seminars**

48 **Consultant's Corner:** The Increasing Complexity of Long Distance Services, by Richard A. Kuehn

MAY-JUNE 1981

2 **Focus/Teleprocessing:** Protecting Data Transmissions, by Ronald A. Frank

4 **Telecommunications Management — Part 2, Measuring Cost Effectiveness,** Michael F. Finneran

10 **Responding to the Bell Migration Strategy,** George Grove

13 **Network Management Tools for the 1980s,** David Hochman

19 **Information and Telecommunications Systems in the Future Office,** John G. Mellon

24 **All about Hunting,** Everest C. Hunter

30 **Communications Lines** by Harry Newton

36 **New Product:** The Rolm CBX Data Communications Feature

40 **Washington Persepective:** Basic, Enhanced or Reliable Service — What Should AT&T's Priorities Be? by Victor J. Toth

43 **Seminars**

48 **Consultant's Corner:** Caution Is Still Needed in Selecting an Interconnect System, by Richard A. Kuehn

JULY-AUGUST 1981

2 **Focus/Teleprocessing:** Automating the Boss's Office, by Ronald A. Frank

4 **Migration: Bell's Genius May Create Serious Problems for Competitors and Users,** James L. Cotesworth

10 **Network Users Are Interested in Message Accounting,** Bruce L. Koppenhoefer

14 **The Effective Use of the New WATS,** Leo F. Goeller

25 **Telecommunications Management — Part 3, Personnel Management,** Michael F. Finneran

30 **Communications Lines** by Harry Newton

35 **Seminars**

37 **Washington Perspective:** Turning Back the Clock on Orderly Deregulation, by Victor J. Toth

41 **New Product:** Datapoint Announces a Voice/Data PBX

45 **Dialogue:** The Northern Telecom vs. Rolm Approach to Voice/Data Switching

46 **Consultant's Corner:** Videotex Conference Displays the Technology's Problems and Potential, by Richard A. Kuehn

SEPTEMBER-OCTOBER 1981

2 **Letter from the Publisher**

3 **Strategies for Managing Communications and Information Resources,** Gregory F. Borton

10 **Trends in PBX Design,** Leo F. Goeller, Jr.

19 **The Great Convergence: The Telephone Network and Messaging Systems,** Arthur M. Rosenberg

25 **Developing a Business Plan for Reselling Long Distance Service,** James R. Gordon

34 **The Economics of SBS Shared Satellite Service,** John W. Bridges and William J. Rahe, Jr.

40 **Telecommunications Management — Part 4, Quality of Service,** Michael F. Finneran

45 **Queuing Plus Alternate Routing in Communications Networks,** Rifaat Dayem

55 **Communications Lines** by Harry Newton

62 **Focus/Teleprocessing:** Telecom Managers Have a Stake in User-Friendly Terminals, by Ronald A. Frank

64 **New Product:** The Anderson Jacobson Integrated Office Exchange

68 **Washington Perspective:** A New Communications Act — Whether We Need It or Not, by Victor J. Toth

72 **Seminars**

76 **Consultant's Corner:** A Look Backward ... and Forward in Telecommunications, by Richard A. Kuehn

NOVEMBER-DECEMBER 1981

2 **Focus/Teleprocessing:** Personal Computers and the Corporate Network, by Ronald A. Frank

4 **A Practival View of the State of Local Area Networking,** Walter A. Levy

13 **Exchange Access Surcharges May Eliminate Private Line Services,** William Page Montgomery

18 **Advances in Switching Strategies for Communications Networks,** David Walters and Basil Maglaris

29 **The Telephone Conference Call: An Improved Communicating Approach,** Joseph M. Cleary

32 **Communications Lines** by Harry Newton

37 **New Product:** Lexar Announces Its New Voice/Data PBX

41 **Washington Perspective:** A Strategy for Avoiding Regulatory Chaos, by Victor J. Toth

45 **BCR Seminars**

50 **Consultant's Corner:** Comparing Long Distance Toll and WATS to Specialized Carrier Services, by Richard A. Kuehn

52 **Contents of Volume 11**